

PATENT ABSTRACTS OF JAPAN

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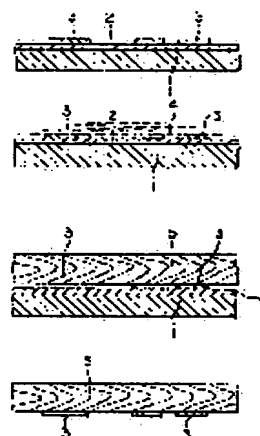
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(54) COPIED IMAGE TRANSFERRING METHOD

(57)Abstract:

PURPOSE: To enable an image to be transferred freely and clearly to a variety of image-receiving materials without any intricate work or expensive machine by a method wherein a toner image area in a pattern reversed left side right relative to an original is formed by copying, the toner image area is impregnated with an organic solvent capable of dissolving the toner without causing the toner to flow out, and the toner image area thus treated is placed on and pressed against the image-receiving material, followed by a releasing operation.

CONSTITUTION: A release layer 2 is provided on the face or back side of a sheet-shaped release paper 1. A toner image area 3 in a pattern reversed left side right relative to an original such as characters or graphic patterns is formed on the surface of the release layer 2 by copying by an electrostatic-type copying machine. An organic solvent 4, such as benzine, capable of dissolving a toner constituting the toner image area 3 without causing the toner to flow out and capable of converting the toner itself into an adhesive is sprinkled, applied or infiltrated into the toner image area 3 from the upper side, and the toner image area 3, 3 on the release paper 1 is placed on and pressed against a surface of an image-receiving material 5. Not only a paper but a wood plate, a glass plate, a fabric or the like may be used as the image-receiving material 5. Thereafter, the release paper 1 is released from the material 5, whereby the toner image area 3, 3 is left in the surface of the material 5.



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TRANSLATION

[Japanese Patent Laid-open No. 2-11400]

What is claimed is:

1. A method for transferring a copied image comprising:

forming, on a surface of various kinds of release paper provided with a release layer, a toner image area reversed right-to-left relative to an original consisting of characters or graphic patterns, by reproduction using an electrostatic copying machine;

impregnating the toner image area, from its top surface, with an organic solvent, such as benzine, that is capable of dissolving the toner without causing the toner to diffuse;

then placing the toner image area on and pressed against a surface of various kinds of transfer material, such as wood plate, glass plate, cloth, and paper; and

transferring the toner image area onto the transfer material by removing the release paper.

. . .

[Effect of the Invention]

... As the toner itself is converted into an adhesive by impregnating the top surface of the toner image area with an organic solvent capable of dissolving the toner without causing the toner to diffuse, the present invention also has the useful effect that it can eliminate the use of conventional adhesives and the difficult job of applying an adhesive on a copied surface, which was a drawback of the prior art.